

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/DK2004/000610

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04M1/05 H01H35/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04M H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/021800 A1 (BJERRUM-NIESE CHRISTIAN ET AL) 21 February 2002 (2002-02-21) paragraphs '0058! - '0063!; figure 11	1,2
Y		3-5,7,8
Y	US 6 198 059 B1 (JOU TIEN-MING) 6 March 2001 (2001-03-06) column 2, lines 50-55 column 3, line 32 - column 4, line 23; figures 4-6	3-5,7,8
Y	US 5 910 797 A (BEUK LEONARDUS G M) 8 June 1999 (1999-06-08) column 2, lines 42-65; figure 1	5,8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 December 2004

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27/12/2004

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/37524 A (ERICSSON TELEFON AB L M) 25 May 2001 (2001-05-25) cited in the application page 4, line 12 - page 6, line 7; figures 1a,1b -----	1-5,7,8
A	US 4 503 299 A (HENRARD JOSE ET AL) 5 March 1985 (1985-03-05) abstract column 3, line 18 - column 4, line 7; figures 4-7 -----	3-5,8
A	GB 1 521 447 A (ESSEX GROUP) 16 August 1978 (1978-08-16) column 2, line 61 - column 3, line 82; figure 3 -----	6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte . . . al Application No  
PCT/DK2004/000610

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002021800	A1	21-02-2002	DK 200000765 A	10-11-2001
			AU 5211501 A	20-11-2001
			CA 2406609 A1	15-11-2001
			CN 1428038 T	02-07-2003
			WO 0186923 A1	15-11-2001
			EP 1282974 A1	12-02-2003
			JP 2003533135 T	05-11-2003
			NO 20024963 A	18-12-2002
			US 2004028218 A1	12-02-2004
			US 2004052362 A1	18-03-2004
			US 2004052363 A1	18-03-2004
			US 2004052364 A1	18-03-2004
US 6198059	B1	06-03-2001	NONE	
US 5910797	A	08-06-1999	DE 69623704 D1	24-10-2002
			DE 69623704 T2	26-06-2003
			EP 0755536 A1	29-01-1997
			WO 9625702 A2	22-08-1996
			JP 9512373 T	09-12-1997
WO 0137524	A	25-05-2001	AT 278289 T	15-10-2004
			AU 2505301 A	30-05-2001
			CN 1391761 T	15-01-2003
			DE 60014415 D1	04-11-2004
			WO 0137524 A1	25-05-2001
			EP 1230781 A1	14-08-2002
			JP 2003515282 T	22-04-2003
US 4503299	A	05-03-1985	FR 2510900 A1	11-02-1983
			DE 3267286 D1	12-12-1985
			EP 0074289 A1	16-03-1983
			JP 58112576 A	05-07-1983
GB 1521447	A	16-08-1978	US 4044322 A	23-08-1977
			CA 1071275 A1	05-02-1980
			DE 2720779 A1	19-01-1978
			JP 53008758 A	26-01-1978